

196505-01 Newsletter

DR. M.
CROUCH

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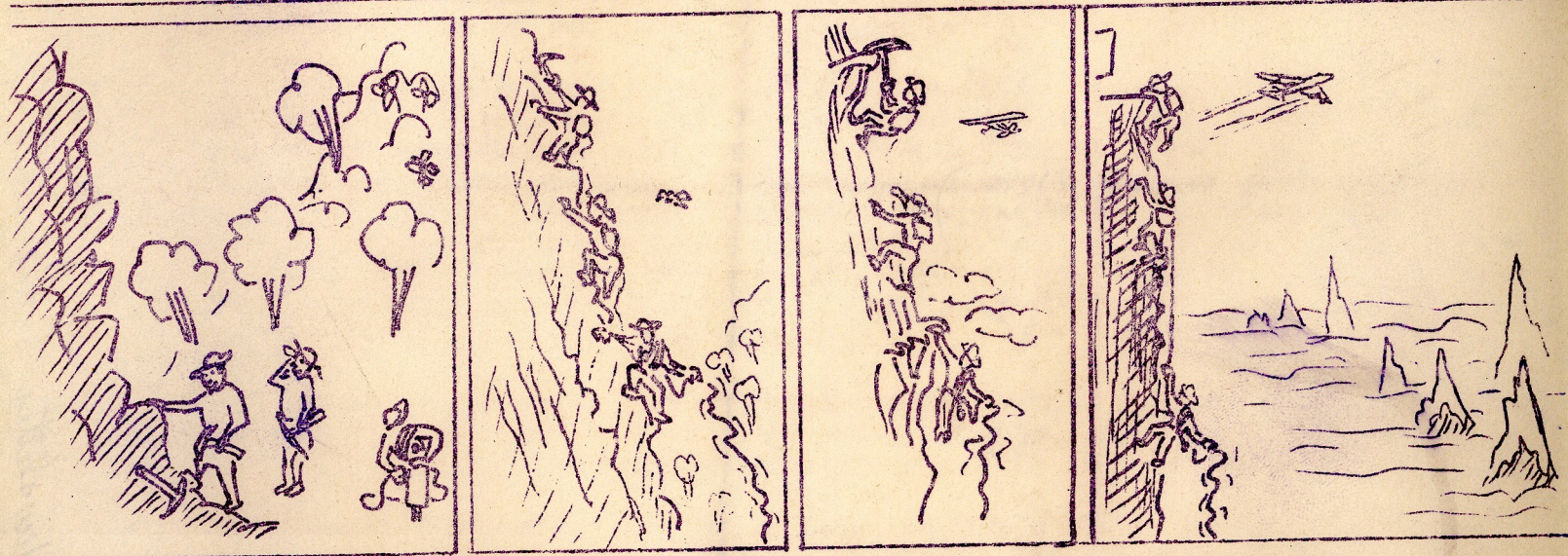
If any one would like to contribute an article for this newsletter, put it in Old Main box F-4. It does not need to be very long, so put that spare time to use and write a few lines about your favorite gripe or anything you feel worth the effort.

This issue will be the last for the school year. So, even if it is some what early, I wish you a nice vacation.

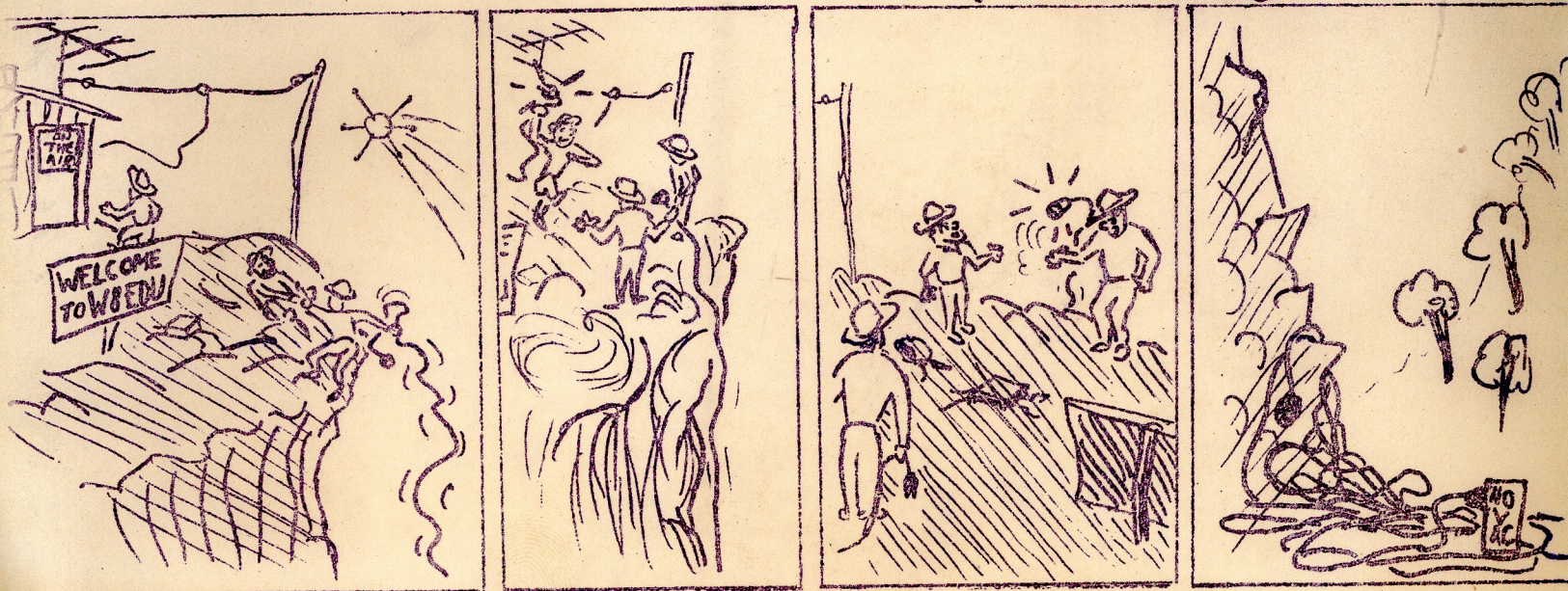
CASE AMATEUR RADIO CLUB NEWSLETTER

W8EDU

May 1965



by: Dave Sicking



OSCAR, radio amateur's third earth satellite, has been the center of attention of W8EDU for the past few months. The idea of involving the club in the OSCAR program was conceived early in the school year, and slowly developed into probably the most successful activity of the organization since its formation.

Statistically, Case operators heard OSCAR on over 60 separate occasions, for periods up to 18 minutes and at distances in excess of 2000 miles. States in every American and in one Canadian call area were heard, as their signals were retransmitted by our 500 mile high orbiting friend, unfortunately, we have no confirmation of any other station hearing our signal.

Instruments used in conjunction with the club's HQ-170 much of which was lent by the physics department, and individuals, allowed operators to find OSCAR'S temperature and battery voltage. In addition, Steve Moro set up a system using a chart recorder actuated by the receiver's AVC system to get an indication of the satellite's rate of roll through space.

Other significant facets of W8EDU's activities were the orbital predictions made on the basis of doppler rate, and several optical observations, both accomplished by Victor Slabinski. Station operators provided Victor with observed doppler shift measurements, and he in turn used this data to provide the station with predictions of future passes, expected time of arrival and antenna headings. His visual sightings were made at his home in Cleveland through a telescope he has used to similarly track other satellites. Project OSCAR in California showed interest in his accomplishment.

Amateurs now wait the eventual report Project OSCAR is sure to make in QST. Remarkable feats, new records, and a history of OSCAR III can be expected-and who knows, W8EDU may be mentioned.

Thanks for making the program a success at Case go to Steve Moro, Bob Antinone, Victor Slabinski, Emil Pocock, Bob Michaud, Bill Myerson, Jerry Iannadrea, Dave Sicking, and to the many nameless people who participated in some behind the scene manner.

by: Emil Pocock

NEWS ITEMS

Our president, Steve Moro, was interviewed by Mrs. Orrick this past week for the annual report as to the welfare of the club.

It has also been rumored that Dave Sicking has finally gotten rid of his AR-3. Congratulations Dave.

No word is as yet available as to the outcome of the contest. It is known, however, that the club worked 73 stations. Let's try for 88 stations the next time.

You may now join for the Fall semester. Just fill out the application form and put it in my Pardee mailbox (632) or give

Case Amateur Radio Club Membership Application Form (W8EDU)

Name _____ call _____

class license _____ CW copying speed _____

Home address _____

School address _____

Old Main box _____ school phone number _____

I request membership for the semesters _____

Do you have any ham gear at school? _____

Has your license ever been suspended? _____, why? _____

Are you a: Fr. Soph. Jr. Sr. Grad. (circle one)

Why do you wish to join the club? _____

Are you a member of MARS, RACES, AREC, (circle one or more)

MARS call _____ CB call _____

Date _____ Signature _____

On Saturday, May 15, five members of the radio club toured the Standard Oil research facilities in Warrensville Heights. Mr. Robert Thompson guided the tour which included a visit to the satellite tracking section. Of interest were the elaborate antenna system including a 28 foot dish used for 200 mc. and above. Brochures on satellite tracking were distributed to the group at the conclusion of the tour.

by: Steve Moro

The club has finally gotten a more ideal location as far as antenna lead length is concerned. The old ham shack was needed for storage by publications and thus the club was asked if we would move our ham shack into the Oscar room on the fourth floor of Old Main.

Maintenance and Grounds put new fluorescent lights in and fixed the door so that it would lock properly. Also several desks and chairs were moved in. This room is well ventilated, so it should be very comfortable during the summer months.

There is no equipment for swap or sale this month.

It has been rumored that our president will spend his field day in Jellystone Park. Hope to work you Steve.